

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S72   | 133  | ((field adj2 (emission emitter) near3 device) fed ) same (anode with (input adj terminal))                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:10 |
| S73   | 2    | ((field adj2 (emission emitter) near3 device) fed ) same (anode with (input adj terminal) with (outside external)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:11 |
| S74   | 877  | ((field adj2 (emission emitter) near3 device) fed ) same ((input adj terminal) with (outside external))            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:11 |
| S75   | 6    | ((field adj2 (emission emitter) near3 device) fed ) same ((input adj terminal) with (outside external)) same anode | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:12 |
| S76   | 53   | 313/495-497.ccls. and (anode with input)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:13 |
| S77   | 125  | 313/495-497.ccls. and ((anode electrode) with input)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:13 |
| S78   | 4    | ("5982082"   "6215243"   "6323594"   "6566804").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | OR               | ON      | 2006/07/02 13:53 |
| S79   | 5    | 313/495-497.ccls. and (anode with input with terminal)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:55 |
| S80   | 4    | 313/495-497.ccls. and ( input with terminal near3 (external outside))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/02 13:56 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S81 | 3    | "5986398"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 13:56 |
| S82 | 0    | ("5986398").URPN.  | USPAT   | OR | ON | 2006/07/02 14:05 |
| S83 | 2542 | 313/495-497.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 15:19 |
| S84 | 2149 | 313/495-497.ccls. not<br>@ad>"20031209"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:23 |
| S85 | 8    | S84 and (voltage with input with<br>(external outside))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:13 |
| S86 | 8    | ("4164683"   "4540983"  <br>"5150005"   "5270613"  <br>"5465027"   "5736814"  <br>"5739634"   "6525485").PN. | US-PGPUB;<br>USPAT;<br>USOCR                            | OR | ON | 2006/07/02 14:15 |
| S87 | 5    | ("5270613").URPN.  | USPAT   | OR | ON | 2006/07/02 14:17 |
| S88 | 7    | ("5463276").URPN.  | USPAT   | OR | ON | 2006/07/02 14:18 |
| S89 | 5    | (313/495-497.ccls. and (anode<br>with input with terminal)) not<br>@ad>"20031209"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:24 |
| S90 | 57   | (313/495-497.ccls. and ( input<br>with terminal)) not<br>@ad>"20031209"                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:31 |
| S91 | 936  | (electron near2 (emission<br>emitting)) same (terminal with<br>voltage)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:32 |
| S92 | 382  | (electron near2 (emission<br>emitting)) same ((external<br>outside) with terminal with<br>voltage)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:33 |

## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S93 | 323 | S92 not @ad>"20031209"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 14:34 |
| S94 | 1   | 313/495-497.ccls. and<br>((transparent adj3 conductive)<br>with (input adj terminal)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 15:20 |
| S95 | 1   | 313/495-497.ccls. and ((anode<br>near3 electrode) with (input adj<br>terminal))       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/02 15:20 |